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INDEX TO AMERICAN BOTANICAL LITERATURE

(1913)

The aim of this Index is to include all current botanical literature written by Americans, published in America, or based upon American material; the word America being used in the broadest sense.

Reviews, and papers that relate exclusively to forestry, agriculture, horticulture, manufactured products of vegetable origin, or laboratory methods are not included, and no attempt is made to index the literature of bacteriology. An occasional exception is made in favor of some paper appearing in an American periodical which is devoted wholly to botany. Reprints are not mentioned unless they differ from the original in some important particular. If users of the Index will call the attention of the editor to errors or omissions, their kindness will be appreciated.

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Adkinson, J. Some features of the anatomy of the *Vitaceae*. Ann. Bot. 27: 133-139. *pl.* 15. Ja 1913.

Bailey, L. W. Diatoms of New Brunswick. Bull. Nat. Hist. Soc. New Brunswick 6: 387-418. 1913.

Bailey, W. W. A favorite wildflower. Am. Bot. 19: 16-18. F 1913.
Epigaea repens.

Banker, H. J. Type studies in the *Hydnaceae*—IV. The genus *Phellodon*. Mycologia 5: 62-66. 10 Mr 1913.
Includes *Phellodon carnosus* sp. nov.

Barnhart, J. H. Catalogue of the Cox collection of Darwiniana. Jour. N. Y. Bot. Gard. 14: 2-29. Ja 1913.

Bendrat, T. A. The flora of Mohawk Hill, N. Y., north of the watershed. Torreya 13: 45-63. 8 Mr 1913. [Illust.]

Berger, A. *Agave Haynaldii*. Curt. Bot. Mag. IV. 9: *pl.* 8481. F 1913.
A plant from Mexico.

Bitter, G. *Solana nova vel minus cognita*. VII. Repert. Sp. Nov. 11: 481-491. 31 Ja 1913.
Nine new species are described.

Blake, S. F. A second local record for *Rhynchospora macrostachya*. Rhodora 15: 19. 7 F 1913.

- Britton, N. L.** The Charles Finney Cox collection of Darwiniana. Jour. N. Y. Bot. Gard. **14**: 1, 2. Ja 1913.
- Burlingame, L. L.** The morphology of *Araucaria brasiliensis*. I. The staminate cone and male gametophyte. Bot. Gaz. **55**: 97-114. *pl.* 4, 5 + *f.* 1-11. 15 F 1913.
- Chamberlain, C. J.** *Macrozamia Moorei*, a connecting link between living and fossil cycads. Bot. Gaz. **55**: 141-154. *f.* 1-12. 15 F 1913.
- Clark, J. J.** *Heliotropium anchusaefolium*. Curt. Bot. Mag. IV. **9**: *pl.* 8480. F 1913.
A South American plant.
- Claassen, E.** List of plants collected in Cuyahoga county and new to this county or to Ohio. Ohio Nat. **13**: 64. Ja 1913.
- Clements, F. E.** The Alpine Laboratory. Science II. **37**: 327, 328. 28 F 1913.
- Clute, W. N.** The cultivation of the *Iris*. Am. Bot. **19**: 6-12. F 1913. [Illust.]
- Clute, W. N.** The mountain spleenwort and its relatives. Am. Bot. **19**: 13-15. F 1913. [Illust.]
- Clute, W. N.** The peli nut. Am. Bot. **19**: 23, 24. F 1913. [Illust.]
Canarium luzonicum or *C. commune*.
- [**Clute, W. N.**] The pelican plant. Am. Bot. **19**: 19-22. F 1913. [Illust.]
Aristolochia gigas.
- Cook, O. F.** A wild host-plant of the boll-weevil in Arizona. Science II. **37**: 259-261. 14 F 1913.
- Cooper, W. S.** The climax forest of Isle Royale, Lake Superior, and its development. II. Bot. Gaz. **55**: 115-140. *f.* 15-30. 15 F 1913.
- Darling, C. A.** Spring flowers. i-viii + 1-106. New York. 1 F 1913.
- Eames, A. J.** The morphology of *Agathis australis*. Ann. Bot. **27**: 1-38. *pl.* 1-4 + *f.* 1-92. Ja 1913.
- East, E. M.** A chronicle of the tribe of corn. Pop. Sci. Mo. **82**: 225-236. *f.* 1-12. Mr 1913.
- Fedde, F.** Neue Arten aus der Verwandschaft der *Corydalis aurea* Willd. von Nord-America. VIII. Repert. Sp. Nov. **11**: 497-499. 31 Ja 1913.
Two new species described, *Corydalis isopyroides* and *C. pseudomicrantha*.
- Fernald, M. L.** Nuttall's white sassafras. Rhodora **15**: 14-18. 7 F 1913.
- Fullmer, E. L.** Additions made to the Cedar Point flora during the summer of 1912. Ohio Nat. **13**: 78. 20 F 1913.

- Garcia, F., & Rigney, J. W.** Grape crown-gall investigations. New Mexico Agr. Exp. Sta. Bull. 85: 3-28. f. 1-3. Ja 1913.
- Gates, R. R.** A contribution to a knowledge of the mutating *Oenotheras*. Trans. Linn. Soc. Bot. II. 8: 1-67. pl. 1-6. Ja 1913.
- Goodspeed, T. H.** Quantitative studies of inheritance in *Nicotiana* hybrids. II. Univ. Calif. Pub. Bot. 5: 169-188. 9 Ja 1913.
- Gormley, R.** The violets of Ohio. Ohio Nat. 13: 56-61. Ja 1913.
- Gortner, R. A., & Harris, J. A.** On a possible relationship between the structural peculiarities of normal and teratological fruits of *Passiflora gracilis* and some physico-chemical properties of their expressed juices. Bull. Torrey Club 40: 27-34. 20 F 1913.
- Greene, E. L.** The two Howells, botanists. Am. Mid. Nat. 3: 30-32. Ja 1913.
- Harris, J. A.** Prolification of the fruit in okra, *Hibiscus esculentus*. Torrey 13: 33-35. F 1913.
- Heller, A. A.** New western plants. Muhlenbergia 8: 137-142. pl. 16, 17 + f. 28. 31 Ja 1913.
Includes *Cressa vallicola*, *C. minima*, and *Caulanthus senilis*, spp. nov.
- Hesse, E.** *Echinocactus Graessneri* K. Sch. Monats. Kakteenk. 23: 2-6. 15 Ja 1913. [Illust.]
- Hull, E. D.** Ebony spleenwort and shining club moss in northwest Indiana. Am. Bot. 19: 30. F 1913.
- Hull, E. D.** Extended range of *Viola pedata* L. Rhodora 15: 18, 19. 7 F 1913.
- Humphrey, L. E.** The Ohio dogbanes. Ohio Nat. 13: 79, 80. 20 F 1913.
- Kittredge, E. M.** Some trees and shrubs of Rockland County. Torrey 13: 25-33. F 1913.
- Kunze, R. E.** *Echinocactus Wislizeni* Engelm. var. *phoeniceus* Kunze var. nov. Monats. Kakteenk. 23: 8, 9. 15 Ja 1913.
- Lloyd, F. E.** The induction of nonastringency in persimmons at supranormal pressures of carbon dioxide. Science II. 37: 228-232. 7 F 1913.
- Lloyd, F. E.** Leaf water and stomatal movement in *Gossypium* and a method of direct visual observation of stomata *in situ*. Bull. Torrey Club 40: 1-26. f. 1-3. 20 F 1913.
- Lunell, J.** *Adicea*. Am. Mid. Nat. 3: 6-12. Ja 1913.
Includes *Adicea fontana*, *A. opaca*, *A. Newlandii*, and *A. Deamii* spp. nov.
- Lunell, J.** *Erigeron* in North Dakota. Am. Mid. Nat. 2: 253-258. Jl 1912;—II. Am. Mid. Nat. 3: 1-6. Ja 1913.
Includes descriptions of nine new species.

- Macoun, J. M.** Additions to the flora of Vancouver Island. Ottawa Nat. **26**: 143-148. F 1913.
- Mark, C. G.** Notes on Ohio mosses. Ohio Nat. **13**: 62-64. f. 1. Ja 1913.
- Murrill, W. A.** The Amanitas of eastern North America. Mycologia **5**: 72-86. pl. 85, 86. 10 Mr 1913.
- Nash, G. V.** Winter flowering. Jour. N. Y. Bot. Gard. **14**: 43, 44. pl. 111. F 1913.
- Nash, G. V.** Winter protection of plants. Jour. N. Y. Bot. Gard. **14**: 30-37. pl. 108-110. Ja 1913.
- Nichols, G. E.** Notes on Connecticut mosses,—IV. Rhodora **15**: 3-13. 7 F 1913.
- Nieuwland, J. A.** *Evactoma*. Am. Mid. Nat. **3**: 57-59. Mr 1913.
- Nieuwland, J. A.** Some midland dogbanes. Am. Mid. Nat. **3**: 53-57. Mr 1913.
Includes *Apocynum Carolini*, *A. tomentellum*, and *A. cinereum*, spp. nov.
- Parish, S. B.** *Coreopsis gigantea* (Kellogg) Hall. Muhlenbergia **8**: 133, 134. f. 27. 31 Ja 1913.
- Pennell, F. W.** Further notes on the flora of the Conowingo or serpentine barrens of southeastern Pennsylvania. Proc. Acad. Nat. Sci. Philadelphia **54**: 520-534. 30 Ja 1913; 535-539. 13 F 1913.
- Peck, C. H.** New species of fungi. Mycologia **5**: 67-71. 10 Mr 1913.
Includes *Amanita Peckiana* Kauffm., *Collybia subdecumbens*, *C. truncata*, *Entoloma mirabile*, *Inocybe minima*, *Leptonia gracilipes*, *L. validipes*, and *Puccinia striatospora*, spp. nov.
- Petry, L. C.** A protocorm of *Ophioglossum*. Bot. Gaz. **55**: 155-166. f. 1-13. 16 F 1913.
- Piper, C. V.** *Delphinium simplex* and its immediate allies. Contr. U. S. Nat. Herb. **15**: 201-203. 12 F 1913.
- Piper, C. V.** The identity of *Heuchera cylindrica*. Contr. U. S. Nat. Herb. **16**: 205, 206. 12 F 1913.
Includes *Heuchera chlorantha* sp. nov.
- Piper, C. V.** New or noteworthy species of Pacific coast plants. Contr. U. S. Nat. Herb. **16**: 207-210. 12 F 1913.
Seven new species are described in *Alsine* (1), *Pentstemon* (1), *Oreobroma* (1), *Aster* (3), and *Arabis* (1).
- Piper, C. V.** On the identity of *Poa crocata* Michx. Torreyia **13**: 35. F 1913.
- Piper, C. V.** Supplementary notes on American species of *Festuca*. Contr. U. S. Nat. Herb. **16**: 197-199. 12 F 1913.
Includes *Festuca sororia* sp. nov.
- Prain, D., & Hutchinson, J.** Notes on some species of *Acalypha*. Kew Bull. Misc. Inf. **1913**: 1-28. f. 1-4. Ja 1913.

- Prescott, A.** The common polypody. *Am. Bot.* **19**: 25, 26. F 1913.
[Illust.]
- Quehl, L.** Einiges über *Echinocactus Wislizeni* Engelm., *Ects. Lecontei* Engelm. und *Ects. arizonicus* Kunze. *Monats. Kakteenk.* **23**: 9-11. 15 Ja 1913.
- Robertson, T. B.** Further explanatory remarks concerning the normal rate of growth of an individual and its biochemical significance. *Biol. Centralb.* **33**: 29-34. 20 Ja 1913.
- Rose, J. N., & Standley, P. C.** The American species of *Meibomia* of the section *Nephromeria*. *Contr. U. S. Nat. Herb.* **16**: 211-216. *pl.* 51. 12 F 1913.
Includes *Meibomia Painteri*, *M. metallica*, and *M. angustata*, spp. nov.
- Safford, W. E.** *Raimondia*, a new genus of *Annonaceae* from Colombia. *Contr. U. S. Nat. Herb.* **16**: 217-219. *pl.* 52, 53. 12 F 1913.
- Saunders, C. F.** In the home of the fan palm. *Am. Bot.* **19**: 1-5. F 1913. [Illust.]
- Schaffner, J. H.** The characteristic plants of a typical prairie. *Ohio Nat.* **13**: 65-69. 20 F 1913.
Includes an enumeration of species of plants to be found.
- Schaffner, J. H.** The classification of plants, VIII. *Ohio Nat.* **13**: 70-78. 20 F 1913.
Includes a synopsis of the plant phyla and a classification of the fungi.
- Scott, W.** A form of *Linaria vulgaris*. *Ottawa Nat.* **26**: 129. Ja 1913.
- Shafer, J. A.** Further botanical explorations in Pinar del Rio, Cuba. *Jour. N. Y. Bot. Gard.* **14**: 44-49. F 1913.
- Sinnott, E. W.** The morphology of the reproductive structures in the *Podocarpaceae*. *Ann. Bot.* **27**: 39-82. *pl.* 5-9 + *f.* 1-9. Ja 1913.
- Small, J. K.** A yellow flax from Jamaica. *West Indies. Torreyia* **13**: 63. Mr 1913.
Cathartolinum jamaicense Small, sp. nov.
- Steele, E. S.** Four new species of goldenrod from the eastern United States. *Contr. U. S. Nat. Herb.* **16**: 221-224. F 1913.
- Sumstine, D. R.** Studies in North American *Hyphomycetes*—II. *Mycologia* **5**: 45-61. *pl.* 82-84. 10 Mr 1913.
Includes *Oosporoidea* and *Toruloidea*, gen. nov., and *Oidium Murrilliae*, *Toruloidea effusa*, *T. Unangstii*, and *Acrosporium Gossypii*, spp. nov.
- Visher, S. S.** Additions to the flora of the Black Hills of South Dakota—II. *Muhlenbergia* **8**: 135-137. 31 Ja 1913.
- Wagner, E.** Mitteilungen über Sämmlingsaufzucht. *Monats. Kakteenk.* **23**: 6-8. 15 Ja 1913.

- Weingart, W.** *Cereus serratus* Weing. spec. nov. Monats. Kakteenk. 22: 185-188. 15 D 1912.
- Wellington, R.** Inheritance of the russet skin in the pear. Science II. 37: 156. 24 Ja 1913.
- Wherry, E. T.** Silicified wood from the Triassic of Pennsylvania. Proc. Acad. Nat. Sci. Philadelphia 64: 366-379. pl. 3, 4. 25 S 1912.
- Williams, C. G.** The farm grasses of Ohio. Ann. Rep. Ohio Agr. Exp. Sta. 30: 151-174. 1911. [Illust.]
- Wootton, E. O., & Standley, P. C.** Descriptions of new plants preliminary to a report upon the flora of New Mexico. Contr. U. S. Nat. Herb. 16: 109-196 + vii-xi. pl. 48-50. 12 F 1913.
- Yamanouchi, S.** *Hydrodictyon africanum*, a new species. Bot. Gaz. 55: 74-79. f. 1-6. 15 Ja 1913.